Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY		Attorne	y Docket	No.	38616-8009US	16-8009US				
PATENT APPLICATION		First In	ventor	es Copland Moye	opland Moyer					
TRANSMITTAL		Title	CONTROLLED OFFSET AMPLI			FIER				
			riue	<u> </u>				· · · · · · · · · · · · · · · · · · ·		
(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))			Expres	s Mail La	bel No.	EV 3355224	50 US			
APPLICATION ELEMENTS			7	Mail Stop Patent Application ADDRESS TO: Commissioner for Patents DO Box 1450						
See MPEP chapter 600 concer	ning utility patent applica	ntion contents.		ADDRESS 10. P.O. Box 1450 Alexandria, VA 22313-1450						
	Form (e.g., PTO/SB/1		7					e, large table or		
2. Applicant claims	(Submit an original and a duplicate for fee processing) 2. Applicant claims small entity status.			Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission						
See 37 CFR 1.27	See 37 CFR 1.27.			(if applicable, all necessary) a. ☐ Computer Readable Form (CRF)						
	nent set forth below)	-9++1		b. Spec	ificatio	n Sequence Li	sting	on:		
- Cross Reference t	to Related Applications	_			paper	OM or CD-R (2	copie	es), or		
- Reference to sequ	ling Fed sponsored R & I lence listing, a table,	,	_					of above copies		
- Background of the			<u> </u>					CATIONS PARTS		
- Brief Summary of - Brief Description of	 Brief Summary of the Invention Brief Description of the Drawings (if filed) 			9. Assignment Papers (cover sheet & document(s)) 10. 37 C.F.R.§3.73(b) Statement Power of						
- Detailed Description - Claim(s)	- Detailed Description			(when there is an assignee) Attorney						
- Abstract of the Dis	- Abstract of the Disclosure			11. English Translation Document (if applicable)						
4. Drawing(s) (35 U.	.S.C.113) [Total S	heets 1] 12	12. Information Disclosure Copies of IDS						
5. Oath or Declaration					Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment					
a. Newly executed (original or copy)				14. Return Receipt Postcard (MPEP 503)						
 b. Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed))] ,,	(Should be specifically itemized)						
i. DELETION OF INVENTOR(S)			'`	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)						
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR			16	16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35						
1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76			١	or its equivalent.						
o				17. Other:						
18. If a CONTINUING APPLIC			ply the	requisite	inform	ation below and	in a p	preliminary amendment,		
or in an Application Data She ☐ Continuation ☐		Continuation-in-p	art (CIP)	of pri	or application No	:	1		
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /										
under Box 5b, is considered	a part of the disclosure	of the accompa	nying o	or division	nal app	lication and is h	ereby	incorporated by reference.		
The Incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.										
Claims the benefit ofApplication No										
						or \square	Con	o respondence address below		
							CON	espondence address below		
☑ Customer Number or Bar Code Label 2509)96						
PATENT TRADEMARK OFFICE										
Name (Print/Type)	Chun M. Ng	Ng Registration No. (Attorney/Agent) 36,878				36,878				
Signature			_			Date		9/5/13		

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v		Co	Complete if Known						
FEE TRANSI	MITTAL	Application Number	to be assigned						
Į į		Filing Date	to be assigned						
° for FY 2003		First Named Inventor	James Copland Moyer						
Effective 01/01/2003. Patent fees are sub		Examiner Name	to be assigned						
Applicant claims small entity status. See 37 CFR 1.27		Art Unit	to be assigned						
		Express Mail No.	EV 335522460 US						
TOTAL AMOUNT OF PAYMENT	(\$)415.00	Attorney Docket No.	38616-8009US						

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None	3. Al	DDITIO	DNAL	FEES		
Order	Large	Entity	<u>i Smali</u>	Entity		
Deposit Account:	Fee	Fee	Fee		Fee Description Fee Paid	
Deposit Account Number 50-0665	Code	1.,	Code	(\$)		
Deposit Account Name	1051	130	2051	65	Surcharge late filing fee or oath	
The Commissioner is authorized to: (check all that apply)	1052	50	2052	25	Surcharge - late provisional filing fee or	
Charge fee(s) indicated below Credit any overpayments	1050	120	1,050	420	cover sheet	
Charge any additional fee(s) during the pendency of this application	1053 1812	130	1053	130	Non-English Specification	
Charge fee(s) indicated below, except for the filing fee	1012	2,520	1012	2,520	For filing a request for ex parte reexamination	
to the above-identified deposit account. FEE CALCULATION	1804	920*	1804	920*	Requesting publication of SIR prior to	
	1,,,,	4 0 4 0 #	1,005	4 0 40+	Examiner action	
1. BASIC FILING FEE Large Entity Small Entity	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
Fee Fee Fee Fee Fee Description Fee Paid	1251	110	2251	55	Extension for reply within first month	
Code (\$) Code (\$)	1252	410	2252	205	Extension for reply within second month	
1001 750 2001 375 Utility filing fee 375.00	1253	930	2253	465	Extension for reply within third month	
1002 330 2002 165 Design filing fee	1254	1,450	2254	725	Extension for reply within fourth month	
1003 520 2003 260 Plant filing fee	1255	1,970	2255	985	Extension for reply within fifth month	
1004 750 2004 375 Reissue filing fee	1401	320	2401	160	Notice of Appeal	
1205 160 2005 80 Provisional filing fee	1402	320	2402	160	Filing a brief in support of an appeal	
	1403	280	2403	140	Request for oral hearing	
SUBTOTAL (1) (\$) 375.00	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1452	110	2452	55	Petition to revive - unavoidable	
Fee from	1453	1,300	2453	650	Petition to revive - unintentional	
Extra Claims below Fee Paid	1501	1,300	2501	650	Utility issue fee (or reissue)	
Total Claims 7	1502	470	2502	235	Design issue fee	
Independent Claims 2 - 3** = 0 X = = Multiple Dependent =	1503	630	2503	315	Plant issue fee	
	1460	130	1460	130	Petitions to the Commissioner	
Large Entity Small Entity	1807 1806	50 180	1807 1806	50 180	Processing fee under 37 CFR 1.17(q)	
Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	1000	100	1000	100	Submission of Information Disclosure Stmt	
1202 18 2202 9 Claims in excess of 20	8021	40	8021	40	Recording each patent assignment per	
1201 84 2201 42 Independent claims in excess of 3	1		l		property (times number of properties) 40.00	
1203 280 2203 140 Multiple dependent claim, if not paid	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1204 84 2204 42 ** Reissue independent claims over	1810	750	2810	375	For each additional invention to be	
original patent					examined (37 CFR 1.129(b))	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1801	750	2801	375	Request for Continued Examination (RCE)	
SUBTOTAL (2) (\$) O	1802	900	1802	900	Request for expedited examination of a design application	
	Other fee (specify)					
	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00					
**or number previously paid, if greater, For Reissues, see above					(5)	

SUBMITTED BY				(Complete	(if applicable)
Name (Print/Type)	Chun M. Ng	Registration No. (Attorney/Agent)	36,878	Telephone	206-359-6488
Signature				Date	9/5/03

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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